

FARWICK et al. -- Appln. No. 09/834,722**I. AMENDMENT TO CLAIMS**

22. (Currently Amended) An isolated polynucleotide ~~comprising nucleotides~~ encoding a protein ~~with~~ comprising the amino acid sequence of SEQ ID NO:2.
23. (Canceled)
24. (Canceled)
25. (Canceled)
26. (Currently Amended) ~~An~~ The isolated polynucleotide ~~of claim 22,~~ encoding a phosphocarrier component H polypeptide of a phosphotransferase system comprising an ~~wherein said~~ amino acid sequence that is at least 95% identical to that of SEQ ID NO:2 ~~and having the same enzymatic activity as a component H polypeptide of the phosphotransferase system.~~
27. (Previously Presented) An isolated polynucleotide comprising the nucleotide sequence of SEQ ID NO:1.
28. (Canceled)
29. (Currently Amended) An isolated polynucleotide ~~comprising nucleotides~~ encoding a protein ~~with~~ comprising the amino acid sequence of SEQ ID NO:4.
30. (Canceled)

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31. (Canceled)

32. (Canceled)

33. (Currently Amended) An The isolated polynucleotide ~~of claim 22,~~ encoding a phosphocarrier component H polypeptide of a phosphotransferase system comprising an wherein said amino acid sequence that is at least 95% identical to that of SEQ ID NO:4 and having the same enzymatic activity as a component H polypeptide of the phosphotransferase system.

34. (Previously Presented) An isolated polynucleotide comprising the nucleotide sequence of SEQ ID NO:3.

35. (Canceled)

36. (Currently Amended) A vector comprising a sequence identical to that of the isolated polynucleotide of any one of claims 22, 25-27, 29, and 32-34 26, 27, 29 33, and 34.

37. (Previously Presented) A bacterium transformed with the vector of claim 36.

38. (Canceled)

39. (Canceled)